UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO.                             | FILING DATE                        | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|------------------------------------|----------------------|---------------------|------------------|
| 10/580,102                                  | 05/19/2006                         | Heon Moo Kim         | Q94656              | 5114             |
| 23373<br>SUGHRUE MI                         | 7590 11/12/201<br>ON, PLLC         | 0                    | EXAM                | IINER            |
| 2100 PENNSYLVANIA AVENUE, N.W.<br>SUITE 800 |                                    |                      | KASHNIKOW, ERIK     |                  |
|   | GTON, DC 20037  ART UNIT PAPER NUM |                      | PAPER NUMBER        |                  |
|   |                                    |                      | 1782                |                  |
|   |                                    |                      |                     |                  |
|   |                                    |                      | NOTIFICATION DATE   | DELIVERY MODE    |
|   |                                    |                      | 11/12/2010          | ELECTRONIC       |

## Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

sughrue@sughrue.com PPROCESSING@SUGHRUE.COM USPTO@SUGHRUE.COM

|  | Application No.   | Applicant(s)  |                  |  |  |
|--|---|---|------------------|--|--|
|  | 10/580,102  | KIM ET AL.  |                  |  |  |
| Notice of Allowability   | Examiner  | Art Unit  |                  |  |  |
|  | ERIK KASHNIKOW  | 1782  |                  |  |  |
| The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI                                       | (OR REMAINS) CLOSED ir or other appropriate commu GHTS. This application is s | this application. If not included unication will be mailed in due cou | rse. <b>THIS</b> |  |  |
| 1. This communication is responsive to <u>response filed 08/06/</u>  | <u>10</u> .   |   |                  |  |  |
| 2. X The allowed claim(s) is/are <u>1,4-6,13-16,19-22 and 29-37.</u>   |   |   |                  |  |  |
| <ul> <li>3. ☐ Acknowledgment is made of a claim for foreign priority ur</li> <li>a) ☐ All b) ☐ Some* c) ☐ None of the:</li> <li>1. ☐ Certified copies of the priority documents have</li> </ul>  | - , , , ,   | or (f).   |                  |  |  |
| <ol><li>Certified copies of the priority documents have</li></ol>  | been received in Application  | n No  |                  |  |  |
| 3. Copies of the certified copies of the priority do   | cuments have been received  | d in this national stage application                                  | from the         |  |  |
| International Bureau (PCT Rule 17.2(a)).   |   |   |                  |  |  |
| * Certified copies not received:   |   |   |                  |  |  |
| Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4.   A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give | IENT of this application. itted. Note the attached EXA                        | AMINER'S AMENDMENT or NOTI  |                  |  |  |
| 5. CORRECTED DRAWINGS (as "replacement sheets") mus  | · , -   | declaration is deficient.   |                  |  |  |
| <ul> <li>(a) ☐ including changes required by the Notice of Draftspers</li> </ul>   |   | v / PTO 048) attached   |                  |  |  |
| (a) ☐ including changes required by the Notice of Dratispers  1) ☐ hereto or 2) ☐ to Paper No./Mail Date   |   | V ( FTO-940) attached   |                  |  |  |
| , — , — , — — —  |   | in the Office action of   |                  |  |  |
| (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of<br>Paper No./Mail Date  |   |   |                  |  |  |
| Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t   |   |   | k) of            |  |  |
| <ol> <li>DEPOSIT OF and/or INFORMATION about the depo<br/>attached Examiner's comment regarding REQUIREMENT</li> </ol>   |   |   | the              |  |  |
|  |   |   |                  |  |  |
| Attachment(s)  | 5 <b></b>   |   |                  |  |  |
| 1. Notice of References Cited (PTO-892)  |   | formal Patent Application   |                  |  |  |
| 2. Notice of Draftperson's Patent Drawing Review (PTO-948)   | Paper No./  | ummary (PTO-413),<br>Mail Date  |                  |  |  |
| <ol> <li>Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date</li> </ol>   | 7. <b>⊠</b> Examiner's  | Amendment/Comment   |                  |  |  |
| Examiner's Comment Regarding Requirement for Deposit of Biological Material  |   | Statement of Reasons for Allowar                                      | nce              |  |  |
|  | 9.  Other   | <u>-</u>  |                  |  |  |
|  | /Rena L. Dye/   |   |                  |  |  |
|  | Supervisory Par   | tent Examiner, Art Unit 1782  |                  |  |  |
|  |   |   |                  |  |  |